



SAMPLE TRIP REPORT

SITE NAME: Cornell Dubilier Electronics Site

PROJECT No.: 8003-306

CERCLIS ID No.: NJD981557879

SAMPLING DATE: October 13, 1994

EPA CASE No.: 22774

1. Site Location: Hamilton Boulevard, South Plainfield, New Jersey - Refer to Figure 1
2. Sample Locations: Refer to Figures 2 & 3
3. Sample Descriptions: Refer to Table 1
4. Laboratories Receiving Samples:

<u>Sample Type</u>	<u>Name and Address of Laboratory</u>
Full TCL Organics	IEA, Inc. - New Jersey 628 Route 10 Whippany, NJ 07981
TAL Inorganics (except CN)	IT Analytical Services - Export 5103 Old William Penn Highway Export, PA 15632

5. Sample Dispatch Data:

A total of two (2) aqueous samples and three (3) sediment samples were shipped on October 13, 1994 by Malcolm Pirnie, Inc. personnel, via Federal Express, in one (1) cooler, under Airbill No. 2359714206 to IEA, Inc. - New Jersey for Full TCL Organics analyses. A total of two (2) aqueous samples and three (3) sediment samples were shipped on October 13, 1994 by Malcolm Pirnie Inc. personnel, via Federal Express, in one (1) cooler, under Airbill No. 2359714195 to IT Analytical Services - Export for TAL Inorganics (excluding CN) analyses.

6. Sampling Personnel:

<u>Name</u>	<u>Organization</u>	<u>Duties on Site</u>
Andrew Cilbanoff	Malcolm Pirnie, Inc.	Site Manager (SM)
David Kahlenberg	Malcolm Pirnie, Inc.	Site Health & Safety Officer (SHSO), Sample Management Officer (SMO), Sampler

7. Weather Conditions:

10/13/94 Sunny; temperature, 60° F

8. Additional Comments:

All samples will be analyzed for Target Compound List (TCL) organic and Target Analyte List (TAL) inorganic compounds, excluding cyanide.

The collection time for RIN1 and RIN2 was after the collection of the sediment samples. However, the equipment used for rinsate collection was decontaminated prior to the actual sampling event and therefore can be associated with the sediment samples collected during this event.

9. Report Prepared By:

Adrian C. Baur

Date: October 20, 1994

10. QA/QC Approved By:

Adrian C. Baur

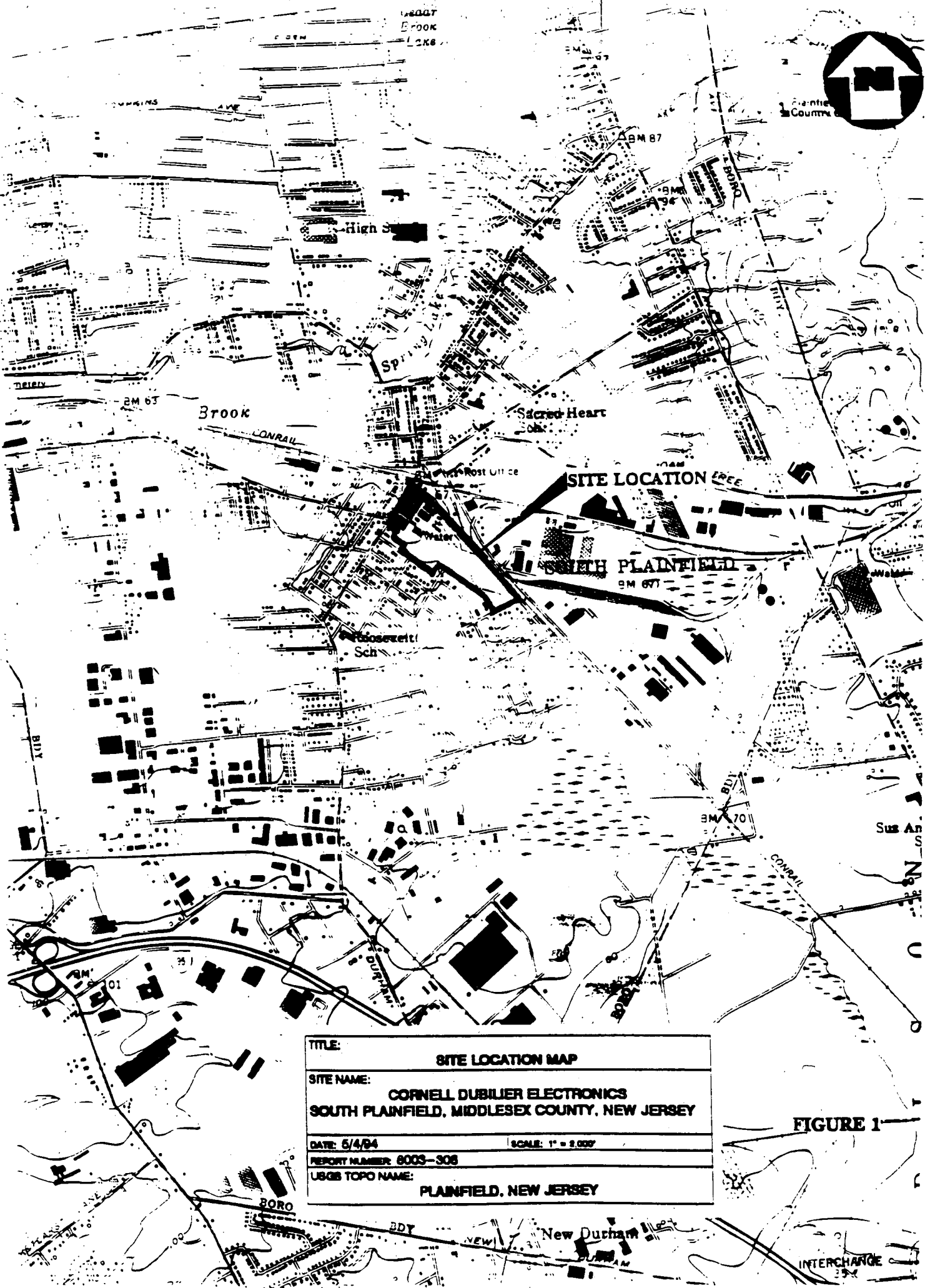
Date: October 20, 1994

TABLE 1
SAMPLE DESCRIPTIONS
CORNELL DUBILIER ELECTRONICS SITE
SOUTH PLAINFIELD, MIDDLESEX COUNTY, NEW JERSEY

Sample Number	CLP Organic Sample Number	CLP Inorganic Sample Number	Collection Time	Sample Type	Sample Location
SED6 ⁽¹⁾	MBLZ89	BPL49	1117	Soil	Sediment sample collected approximately 30 feet downstream of confluence of unnamed tributary to Bound Brook unnamed stream off of Spicer Road (approx. 620 feet upstream of SW1/SED1).
SED7	MBLZ90	BPL50	1149	Soil	Sediment sample collected from unnamed Bound Brook tributary approximately 50 feet downstream of Belmont Avenue Bridge (approx. 1,350 feet upstream of SW1/SED1).
SED8 ⁽²⁾	MBLZ91	BPL51	1149	Soil	Duplicate sediment sample collected at same location as sample SED7.
RIN1	MBLZ92	BPL52	1245	Aqueous	Rinsate sample collected from bowl and scoopula.
RIN2	MBLZ93	BPL53	1302	Aqueous	Rinsate sample collected from trowel.

(1) Sample location designated for the collection of MS/MSD or MS/MD sample.

(2) Sample location designated for the collection of field duplicate sample.



TITLE:	
SITE LOCATION MAP	
SITE NAME:	
CORNELL DUBILIER ELECTRONICS	
SOUTH PLAINFIELD, MIDDLESEX COUNTY, NEW JERSEY	
DATE: 6/4/84	SCALE: 1" = 2,000'
REPORT NUMBER: 6003-306	
USGS TOPO NAME:	
PLAINFIELD, NEW JERSEY	

FIGURE 1

INTERCHANGE

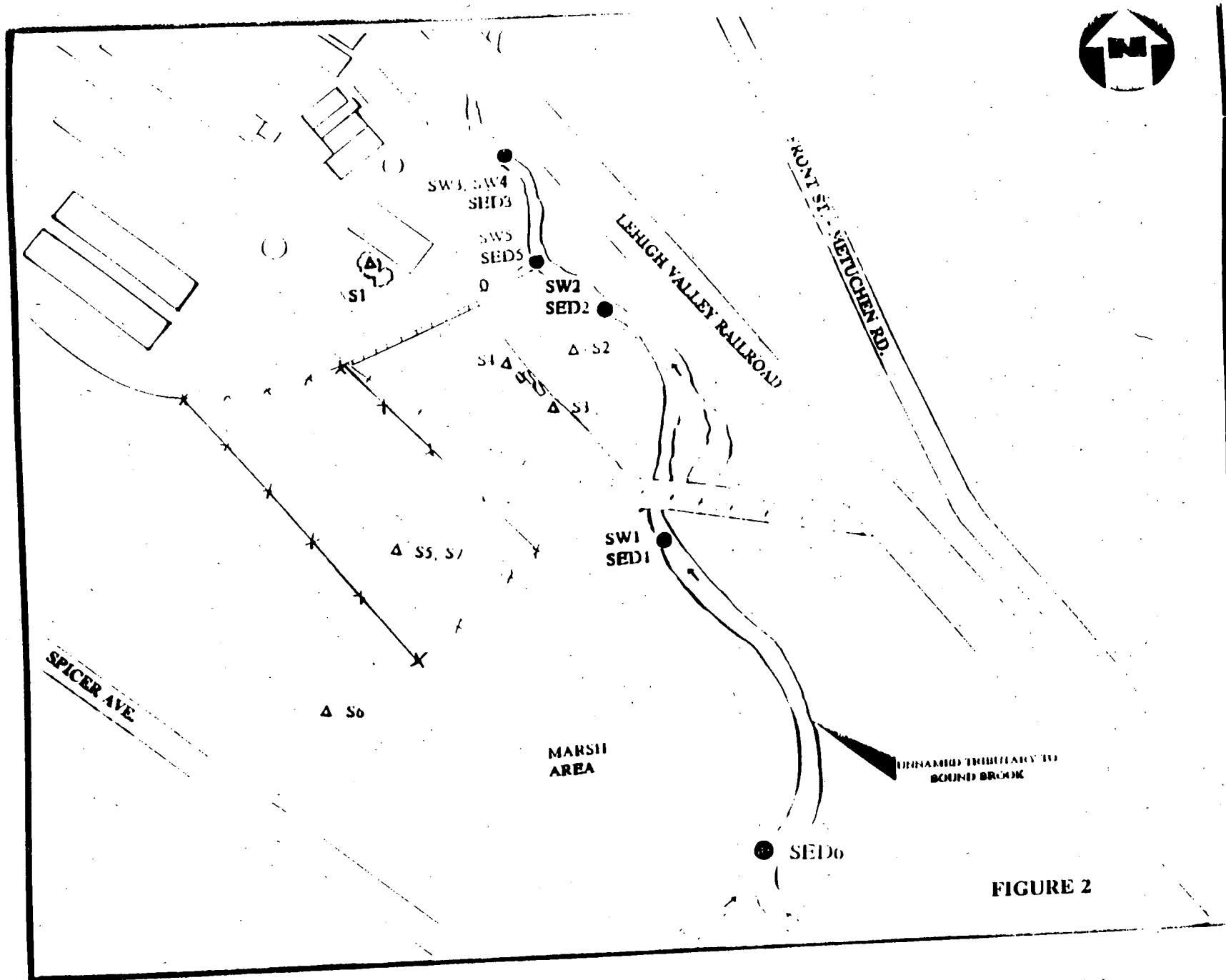
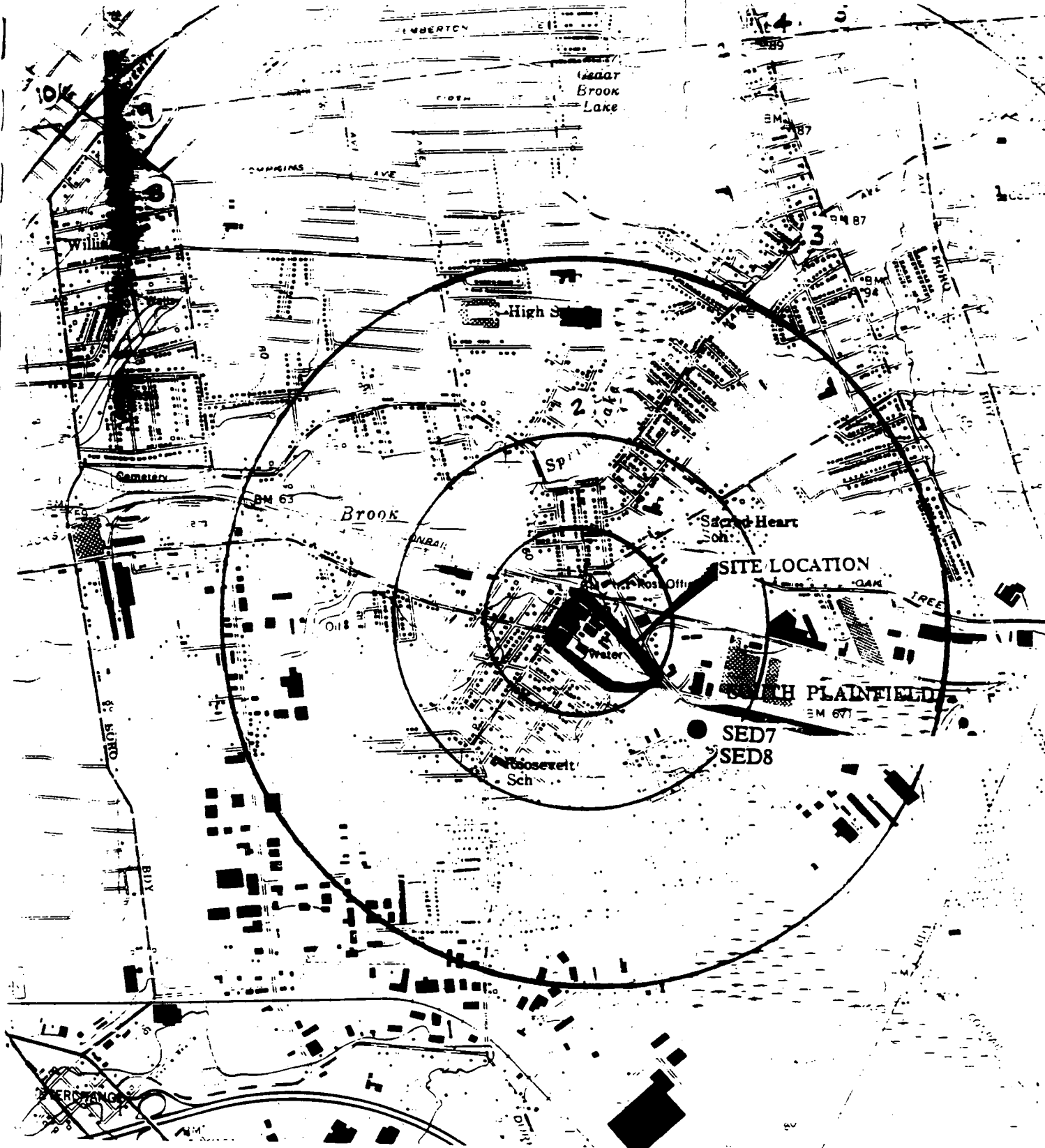


FIGURE 2

MAP KEY

CORNELL DUBILIER ELECTRONICS
 SOUTH PLAINFIELD, MIDDLESEX COUNTY, NEW JERSEY
 SAMPLE LOCATION MAP
 NOT TO SCALE



CORNELL DUBILIER ELECTRONICS
SOUTH PLAINFIELD, MIDDLESEX COUNTY, NEW JERSEY
OFF-SITE SAMPLE LOCATION MAP
SCALE: 1" = 2,000 FT.

FIGURE 3

SITE NAME: CORNELL DUBILIER ELECTRONICS SITE
 PROJECT#: 8003-306
 SAMPLING DATE: 10/13/94
 EPA CASE NO.: 22774 LAB: IEA, INC.

PESTICIDES/PCBs

Sample ID No.
 Traffic Report No.
 Matrix
 Units
 Dilution Factor/GPC Cleanup (Y)
 Percent Moisture

SED6 BPL49 SEDIMENT ug/kg	SED7 BPL50 SEDIMENT ug/kg	SED8 BPL51 SEDIMENT ug/kg	RIN1 BPL52 WATER ug/L	RIN2 BPL53 WATER ug/L
1	1	1	1	1
62	41	37	--	--

alpha-BHC
 beta-BHC
 delta-BHC
 gamma-BHC (Lindane)
 Heptachlor
 Aldrin
 Heptachlor epoxide
 Endosulfan I
 Dieldrin
 4,4'-DDE
 Endrin
 Endosulfan II
 4,4'-DDD
 Endosulfan sulfate
 4,4'-DDT
 Methoxychlor
 Endrin ketone
 Endrin aldehyde
 alpha-Chlordane
 gamma-Chlordane
 Toxaphene
 Aroclor-1016
 Aroclor-1221
 Aroclor-1232
 Aroclor-1242
 Aroclor-1248
 Aroclor-1254
 Aroclor-1260

34 E		
6.4 J		
	21 EN	
110 EN	160 EN	84 EN
		150 EN
24 E	53 E	34 E
64 E	53 E	51 E
61 E	51 E	49 E
180 E	100 EN	64 EN
520 E	250 E	310

NOTES:

Blank Space - compound analyzed for but not detected
 B - compound found in lab blank as well as sample, indicates possible/probable blank contamination
 E - estimated value
 J - estimated value, compound present below CRQL but above IDL
 R - analysis did not pass EPA QA/QC
 N - Presumptive evidence of the presence of the material
 NR - analysis not required
 Detection limits elevated if Dilution Factor > 1 and/or percent moisture > 0%

CORNELL DUBILIER ELECTRONICS

PROJECT #: 8003-306

SAMPLING DATE: 10/13/94

EPA CASE NO.: 22774

LAB NAME: IT ANALYTICAL

INORGANICS

Sample ID No.

Traffic Report No.

Matrix

Units

Percent Solids

SED6
MBLZ89
SEDIMENT
mg/kg
38

SED7
MBLZ90
SEDIMENT
mg/kg
60.4

SED8
MBLZ91
SEDIMENT
mg/kg
65.2

RIN1
MBLZ92
WATER
ug/L
--

RIN2
MBLZ93
WATER
ug/L
--

Aluminum	12700 E	5370	4870	68.8 J	37.6 J
Antimony					
Arsenic	9 E	6.4 E	6.2 E		
Barium	277 E	110	107	0.5 J	0.78 J
Beryllium	0.93 J	0.75 J	0.5 J		
Cadmium	16.2 E	13.7	11.6		
Calcium	6160 E	4710	4510	520 J	501 J
Chromium	35.1 E	16.3	15.3		
Cobalt	12 J	8.2 J	7.3 J		
Copper	109 E	42.3	39.2	2.5 J	1.8 J
Iron	21000 E	10900	10900	39.7 J	28.9 J
Lead	242 E	115 E	116 E		
Magnesium	4290 E	2400	2380	18.4 J	14.5 J
Manganese	253 E	167	251	0.91 J	0.68 J
Mercury	0.28 E	0.78 E			
Nickel	34.7 E	17.7	17		
Potassium	1190 J	465 J	536 J		
Selenium	1.9 J	2 E	1.4 J	2.7 J	
Silver	3.7 J	0.82 J	1.2 J		
Sodium	325 J	121 J	137 J	895 J	902 J
Thallium					
Vanadium	40.3 E	15.8 J	14.3 J		
Zinc	372 E	176	169	3.6 J	4.6 J

NOTES:

Blank Space - compound analyzed for but not detected

E - estimated value

J - estimated value, compound present
below CRDL but above IDL

R - analysis did not pass EPA QA/QC

NR - analysis not required

DATE
Oct. 13, 94

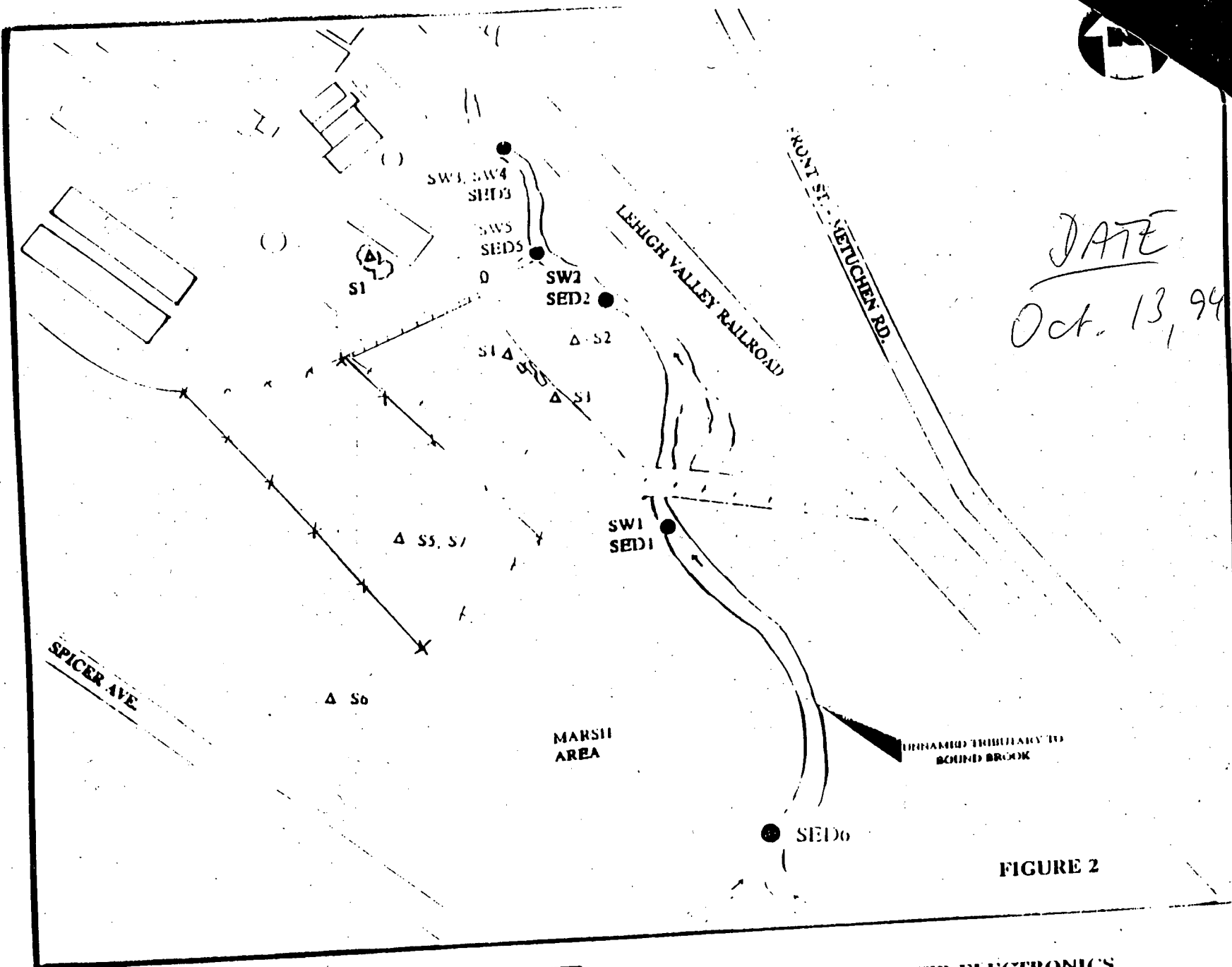


FIGURE 2

MAP KEY

CORNELL DUBILIER ELECTRONICS
SOUTH PLAINFIELD, MIDDLESEX COUNTY, NEW JERSEY
SAMPLE LOCATION MAP
NOT TO SCALE